

Application No. 09/853,311
Amendment dated August 17, 2005
Reply to Final Office Action of May 18, 2005

Docket No. 1232-4713

Amendments to the Claims:

Claims 1-36 are pending in this application. Claims 1, 13 and 25 are independent.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (CURRENTLY AMENDED): An image sensing apparatus, comprising:

an image sensor configured to sense an image of a subject to obtain a sensed image:

an operating frequency setting device configured to set an operating frequency of said image sensing apparatus to at least one of a first operating frequency or a second operating frequency different from said first operating frequency; [[and]]

a display unit configured to display the sensed image, said display unit being capable of display operations at any of said first or second operating frequencies set by said operating frequency setting device; [[,]]

a sensing device configured to sense an operation causing pre-processing or photographic processing; and

a storage device storing a flag indicating an ON/OFF setting of said display unit,

wherein said operating frequency setting device sets the operating frequency of said image sensing apparatus based on the flag and whether said sensing device senses the operation or not ~~whether said display unit is turned on or not.~~

2 (CURRENTLY AMENDED): The image sensing apparatus according to claim 1, wherein:

Application No. 09/853,311
Amendment dated August 17, 2005
Reply to Final Office Action of May 18, 2005

Docket No. 1232-4713

said second operating frequency is lower than said first operating frequency; and
said operating frequency setting device sets said first operating frequency when said flag
indicates the OFF setting while sets said second operating frequency when said flag indicates the
ON setting sensed image is recorded.

3 (CURRENTLY AMENDED): The image sensing apparatus according to claim 1 [12],
wherein:

said second operating frequency is lower than said first operating frequency; and
said operating frequency setting device sets said first operating frequency when said sensing
device senses the operation

said display unit is capable of displaying the sensed image obtained from said
image sensor at any of said first or second operating frequency.

4 (CURRENTLY AMENDED): The image sensing apparatus according to claim 1 [2],
wherein:

said second operating frequency is lower than said first operating frequency;
said operating frequency setting device sets said first operating frequency when
said flag indicates the OFF setting while sets said second operating frequency when said flag
indicates the ON setting, and

said operating frequency setting device sets said first operating frequency when
said sensing device senses the operation during said second operating frequency is set

Application No. 09/853,311
Amendment dated August 17, 2005
Reply to Final Office Action of May 18, 2005

Docket No. 1212-4713

~~said operating frequency setting device switches between said first and second operating frequencies in a case where said display unit is operating.~~

5 (CURRENTLY AMENDED): The image sensing apparatus according to claim 4 ~~[[]]~~, wherein:

said operating frequency setting device continues the setting of said first operating frequency during the pre-processing and the photographic processing

~~said second operating frequency is lower than said first operating frequency and said operating frequency setting device sets said first operating frequency when photography is performed.~~

6-7 (CANCELLED):

8 (ORIGINAL): The image sensing apparatus according to claim 1, wherein:

said display unit is capable of displaying the sensed image obtained from said image sensor at any of said first or second operating frequency.

9 (CANCELLED):

10 (CURRENTLY AMENDED): The image sensing apparatus according to claim 1, wherein the operating is a halfway operation to a shutter button further comprising:

a photography triggering member for giving a command to start photography; and
~~wherein said operating frequency setting device switches between said first and second operating frequencies in response to an operation of said photography triggering member.~~

Application No. 09/853,311
Amendment dated August 17, 2005
Reply to Final Office Action of May 18, 2005

Docket No. 12 32-4713

11 (CURRENTLY AMENDED): The image sensing apparatus according to claim 1 ~~[[10]],~~
~~wherein the pre-processing includes further comprising: a focusing device for performing a focus~~
~~adjustment in response to an operation of said photography triggering member.~~

12 (CURRENTLY AMENDED): The image sensing apparatus according to claim 1 ~~[[10]],~~
~~wherein the pre-processing includes further comprising: a metering device for performing a~~
~~metering operation in response to an operation of said photography triggering member.~~

13 (CURRENTLY AMENDED): A method for controlling an image sensing apparatus,
comprising:

- an image sensing step that senses an image of a subject to obtain a sensed image;
- an operating frequency setting step that sets the operating frequency of said image
sensing apparatus to at least one of a first operating frequency or a second operating frequency
different from said first operating frequency at least; ~~[[and]]~~
- a display step that displays the sensed image on a display unit, the sensed image
being displayed at said first or second operating frequencies set in said operating frequency
setting step; ~~and [[.]]~~
- a sensing step that senses an operation causing pre-processing for photographic
processing.

wherein said operating frequency setting step sets the operating frequency of said
image sensing apparatus based on a flag stored in a storage device and indicating an ON/OFF
setting of the display unit and whether said sensing step senses the operation or not whether said
display unit is turned on or not.

Application No. 09/853,311
Amendment dated August 17, 2005
Reply to Final Office Action of May 18, 2005

Docket No. 1212-4713

14 (CURRENTLY AMENDED): The method for controlling an image sensing apparatus according to claim 13, wherein:

said second operating frequency is lower than said first operating frequency; and
in said operating frequency setting step, said first operating frequency is set when
said flag indicates the OFF setting while said second operating frequency is set when said flag
indicates the ON setting sensed image is recorded.

15 (CURRENTLY AMENDED): The method for controlling an image sensing apparatus according to claim 13 [[14]], wherein:

said second operating frequency is lower than said first operating frequency; and
in said operating frequency setting step, said first operating frequency is set when said sensing
device senses the operation

in said display step, the sensed image obtained in said image sensing step is
displayed at said first or second operating frequency set in said operating frequency setting step.

16 (CURRENTLY AMENDED): The method for controlling an image sensing apparatus according to claim 13 [[14]], wherein:

said second operating frequency is lower than said first operating frequency,
in said operating frequency setting step said first operating frequency is set when
said flag indicates the OFF setting while said second operating frequency is set when said flag
indicates the ON setting, and

in said operating frequency setting device, said first operating frequency is set
when said sensing device senses the operation during said second operating frequency is set

Application No. 09/853,311
Amendment dated August 17, 2005
Reply to Final Office Action of May 18, 2005

Docket No. 1232-4713

~~in said operating frequency setting step, switching between said first and second operating frequencies is done in a case where said display step is operated.~~

17 (CURRENTLY AMENDED): The method for controlling an image sensing apparatus according to claim 16 [[13]], wherein:

the setting of said first operating frequency is continued during the pre-processing and the photographic processing

~~said second operating frequency is lower than said first operating frequency; and
in said operating frequency setting step, said first operating frequency is set when photography is performed.~~

18-19 (CANCELLED):

20 (CURRENTLY AMENDED): The method for controlling an image sensing apparatus according to claim 13, [[/]] wherein the operation is a halfway operation to a shutter button ~~in~~ said display step, the sensed image obtained in said image sensing step is displayed at any of said ~~first or second operating frequency set in said operating frequency setting step.~~

21 (CANCELLED):

22 (CURRENTLY AMENDED): The method for controlling an image sensing apparatus according to claim 13, [[/]] wherein the operation is a halfway operation to a shutter button ~~further comprising:~~

Application No. 09/853,311
Amendment dated August 17, 2005
Reply to Final Office Action of May 18, 2005

Docket No. 1232-4713

~~a photography triggering step that gives a command to start a photography; and
wherein in said operating frequency setting step, switching between said first and
second operating frequencies is done in response to said command to start a photography.~~

23 (CURRENTLY AMENDED): The method for controlling an image sensing apparatus according to claim 13 [[22]], wherein the pre-processing includes further comprising: a focusing step that performs a focus adjustment in response to said command to start a photography

24 (CURRENTLY AMENDED): The method for controlling an image sensing apparatus according to claim 13 [[22]], wherein the pre-processing includes further comprising: a metering step that performs a metering operation in response to said command to start a photography.

25 (CURRENTLY AMENDED): A storage medium that stores a control program of an image sensing apparatus, said control program comprising:

a code for an image sensing step that senses an image of a subject to obtain a sensed image;

a code for an operating frequency setting step that sets the operating frequency of said image sensing apparatus to at least one of a first operating frequency or a second operating frequency different from said first operating frequency; [[and]]

a code for a display step that displays the sensed image on a display unit, the sensed image being displayed at said first or second operating frequencies set in said operating frequency setting step; and [[.]]

Application No. 09/853,311
Amendment dated August 17, 2005
Reply to Final Office Action of May 18, 2005

Docket No. 1232-4713

a code for sensing step that senses an operation causing pre-processing for photographic processing.

wherein said operating frequency setting step sets the operating frequency of said image sensing apparatus based on a flag stored in a storage device and indicating an ON/OFF setting of the display unit and whether said sensing step senses the operation or not whether said display unit is turned on or not.

26 (CURRENTLY AMENDED): The storage medium according to claim 25, wherein
said second operating frequency is lower than said first operating frequency; and
in said operating frequency setting step, said first operating frequency is set when
said flag indicates the OFF setting while said second operating frequency is set when said flag indicates the ON setting sensed image is recorded.

27 (CURRENTLY AMENDED): The storage medium according to claim 26, wherein:
said second operating frequency is lower than said first operating frequency and in said operating frequency setting step, said first operating frequency is set when said sensing device senses the operation

in said display step, the sensed image obtained in said image sensing step is displayed at said first or second operating frequency set in said operating frequency setting step.

28 (CURRENTLY AMENDED): The storage medium according to claim 25 ~~[[26]]~~, wherein:
said second operating frequency is lower than said first operating frequency.

Application No. 09/853,311
Amendment dated August 17, 2005
Reply to Final Office Action of May 18, 2005

Docket No. 1232-4713

in said operating frequency setting step said first operating frequency is set when said flag indicates the OFF setting while said second operating frequency is set when said flag indicates the ON setting, and

in said operating frequency setting device, said first operating frequency is set when said sensing device senses the operation during said second operating frequency is set

~~in said operating frequency setting step, switching between said first and second operating frequencies is done in a case where said display step is operated.~~

29 (CURRENTLY AMENDED): The storage medium according to claim 28 [[25]], wherein:

the setting of said first operating frequency is continued during the pre-processing and the photographic processing

~~said second operating frequency is lower than said first operating frequency; and~~
~~in said operating frequency setting step, said first operating frequency is set when during photography is performed.~~

30-31 (CANCELLED):

32 (ORIGINAL): The storage medium according to claim 25, wherein:

in said display step, the sensed image obtained in said image sensing step is displayed at any of said first or second operating frequency set in said operating frequency setting step.

33 (CANCELLED):

Application No. 09/853,311
Amendment dated August 17, 2005
Reply to Final Office Action of May 18, 2005

Docket No. 1232-4713

34 (CURRENTLY AMENDED): The storage medium according to claim 25, wherein he
operation is a halfway operation to a shutter button [[:]]

~~said control program further comprises a code for a photography triggering step
that gives a command to start a photography; and~~

~~in said operating frequency setting step, switching between said first and second
operating frequencies is done in response to said command to start a photography.~~

35 (CURRENTLY AMENDED): The storage medium according to claim 25 [[34]], wherein
the pre-processing includes ~~said control program further comprises a code for a focusing step
that performs a focus adjustment in response to said command to start a photography.~~

36 (CURRENTLY AMENDED): The storage medium according to claim 25 [[34]], wherein
the pre-processing includes ~~said control program further comprises a code for a metering step
that performs a metering operation in response to said command to start a photography.~~